



3M CUBITRON 3

Cutting discs | Fiber discs | Grinding discs

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1. 3M Cubitron 3 Cutting discs

Our 3M Cubitron 3 high performance cutting discs offer a unique and specialized functionality that is ideal for a wide range of metalworking needs.

With its ability to make perpendicular cuts along the outer edge of the disc, this cutting disc allows you to cut through various metals with precision, ranging from sheet metal for bodies or ships to stainless steel pipes, exhaust pipes, clamps and rusted fastenings.

What really sets these cutting discs apart isn't just their ability to produce precise cuts, but also the impressive performance improvements it brings.



3M Cubitron 3 cutting discs

Article number	Description	Diameter	Thickness	Center hole
401.7100303861	Type 41	75 mm	1.0 mm	6.35 mm
401.7100304124	Type 41	75 mm	1.0 mm	8.00 mm
401.7100304121	Type 41	75 mm	1.0 mm	9.53 mm
401.7100304123	Type 41	75 mm	1.0 mm	10.00 mm
401.7100303830	Type 41	100 mm	2.0 mm	15.88 mm
401.7100304305	Type 41	115 mm	0.8 mm	22.23 mm
401.7100304120	Type 41	115 mm	1.0 mm	22.23 mm
401.7100304003	Type 41	115 mm	1.6 mm	22.23 mm
401.7100304127	Type 41	125 mm	0.8 mm	22.23 mm
401.7100304306	Type 41	125 mm	1.0 mm	22.23 mm
401.7100304304	Type 41	125 mm	1.3 mm	22.23 mm
401.7100303829	Type 41	125 mm	1.6 mm	22.23 mm
401.7100304000	Type 41	125 mm	2.0 mm	22.23 mm
401.7100304056	Type 41	150 mm	2.0 mm	22.23 mm
401.7100303999	Type 41	180 mm	2.0 mm	22.23 mm
401.7100303997	Type 41	230 mm	2.0 mm	22.23 mm
401.7100303993	Type 41	230 mm	2.5 mm	22.23 mm
401.7100303832	Type 41	230 mm	3.0 mm	22.23 mm
401.7100303996	Type 42	115 mm	2.5 mm	22.23 mm
401.7100303995	Type 42	125 mm	2.5 mm	22.23 mm
401.7100303831	Type 42	125 mm	3.0 mm	22.23 mm
401.7100303994	Type 42	180 mm	2.5 mm	22.23 mm
401.7100303993	Type 42	230 mm	2.5 mm	22.23 mm

2. 3M Cubitron 3 Fiber Discs

Improve your metalworking with these fiber discs: efficient and durable.

Precision, efficiency and durability are essential in metalworking. For professionals who strive for peak performance, Cubitron 3 Fiber Discs deliver breakthrough results and raise the standards for performance and durability.

- ▶ **Bevelling**
- ▶ **Removal of cutting burrs**
- ▶ **Grinding the surface**
- ▶ **Grinding weld seams**

Fiber discs with fast cutting action and longer service life increase productivity and profits. They reduce replacements and downtime, cutting with less pressure and reducing the risk of thermal discoloration heat-sensitive metals.



3M Cubitron 3 fiber discs 1182C

Article number	Size	Roughness	Small packaging / large packaging
401.3M-7100309905	Ø 100 x 22 mm	36+	25/100 discs
401.3M-7100308530	Ø 115 x 22 mm	36+	25/100 discs
401.3M-7100308531	Ø 125 x 22 mm	36+	25/100 discs
401.3M-7100309790	Ø 150 x 22 mm	36+	25/100 discs
401.3M-7100309794	Ø 180 x 22 mm	36+	25/100 discs

3M Cubitron 3 fiber discs 1187C

Article number	Size	Roughness	Small packaging / large packaging
401.3M-7100309798	Ø 100 x 16 mm	36+	25/100 discs
401.3M-7100309789	Ø 115 x 22 mm	36+	25/100 discs
401.3M-7100310794	Ø 125 x 22 mm	36+	25/100 discs
401.3M-7100309787	Ø 150 x 22 mm	36+	25/100 discs
401.3M-7100309795	Ø 180 x 22 mm	36+	25/100 discs

3. 3M Cubitron 3 Grinding discs

Experience the revolutionary performance of the 3M Cubitron 3 Grinding Disc T27. Featuring advanced Cubitron abrasive grains, this disc provides unmatched cutting power and durability, saving time and costs.

The 3M Cubitron 3 lowerd center hole Grinding Wheel is an exceptionally fast-cutting, long-life, rigid-bonded wheel ideal for removing thick weld seams and other heavy-duty grinding applications. Thanks to the lowered center you can sharpen at any angle. The disc is suitable for almost all materials, but is specially designed for stainless steel, carbon steel and aviation alloys.

The power of the 3M Cubitron 3 grinding wheel comes from the updated 3M Precision Shaped Grain, featuring patented breakthroughs in molecular bonding technology that create sharp, angular structures. These structures continuously break down to form sharp points, ensuring faster sanding, less heat generation and longer life compared to conventional abrasive materials.

The 3M Cubitron Performance abrasives have been developed for professionals who want to get the most out of their tools. Experience the next generation of sanding performance with the 3M Cubitron grinding disc with lowerd center hole.

- ▶ **HEAVY-DUTY:** designed for removing thick weld seams and other heavy-duty grinding applications on almost all materials – but specially formulated for use on stainless steel, carbon steel and aerospace alloys.
- ▶ **BETERE PRESTATIES:** delivers up to 14% faster cutting speed compared to 3M Cubitron II abrasives to reduce the time and pressure required for the job.
- ▶ **MINDER WISSELINGEN:** removes up to 2 times more material than 3M Cubitron II Performance abrasives.



3. 3M Cubitron 3 Grinding discs

The 3M Cubitron 3 grinding disc is ideal for various applications due to its versatile T27 shape and ingenious design. Whether chamfering edges, removing weld seams, or preparing surfaces for further machining, this disc always delivers consistent and accurate results. In addition, the reduced heat development ensures that the risk of discoloration or deformation of the workpiece is minimal.



3M Cubitron 3 grinding discs T27

Article number	Size	Max RPM	Packaging
401.7100303983	115mm x 7.0mm x 22.3mm	13.300	Per 10 pieces
401.7100303982	125mm x 7.0mm x 22.3mm	12.200	Per 10 pieces
401.7100303981	150mm x 7.0mm x 22.3mm	10.200	Per 10 pieces
401.7100303980	180mm x 7.0mm x 22.3mm	8.500	Per 10 pieces
401.7100303979	230mm x 7.0mm x 22.3mm	6.650	Per 10 pieces
Grinding disc for making grooves			
401.7100312955	125mm x 7.0mm x 22.3mm	12.250	Per 10 pieces
401.7100303963	150mm x 7.0mm x 22.3mm	10.200	Per 10 pieces
401.7100305453	180mm x 7.0mm x 22.3mm	12.250	Per 10 pieces



3. 3M Cubitron 3 Grinding discs

The 3M Cubitron 3 Cut & Grind disc offers an exceptional solution for a variety of applications. Thanks to its unique ability to function as both an abrasive wheel and a cut-off wheel, this wheel offers unparalleled versatility. Whether cutting, grinding, grooving or other operations, this disc meets all your needs. Unlike traditional abrasives, which are often designed for only one specific purpose, the Cubitron 3 Cut & Grind disc eliminates the need for multiple tools, maximizing your efficiency.



3M Cubitron 3 Cut & Grind disc

Article number	Size	Type	Packaging
401.7100305445	100mm x 3.2mm x 15.88mm	T27	Per 10 pieces
401.7100305449	115mm x 3.2mm x 22.23mm	T27	Per 10 pieces
401.7100305448	125mm x 3.2mm x 22.23mm	T27	Per 10 pieces
401.7100305148	150mm x 3.2mm x 22.23mm	T27	Per 10 pieces
401.7100305447	180mm x 3.5mm x 22.23mm	T27	Per 10 pieces
401.7100305446	230mm x 3.8mm x 22.23mm	T27	Per 10 pieces
401.7100305450	100mm x 4.2mm x 15.88mm	T27	Per 10 pieces
401.7100305450	115mm x 4.2mm x 22.23mm	T27	Per 10 pieces
401.7100303974	125mm x 4.2mm x 22.23mm	T27	Per 10 pieces
401.7100303973	150mm x 4.2mm x 22.23mm	T27	Per 10 pieces
401.7100303972	180mm x 4.2mm x 22.23mm	T27	Per 10 pieces
401.7100303971	230mm x 4.2mm x 22.23mm	T27	Per 10 pieces



4. 3M Cubitron 3 Sanding belts

Meet the 3M Cubitron 3 Sanding Belt 1184F with the new 3M Precision-Shaped Grain. Designed to give you the performance boost you need, this sanding belt outperforms competitors belts and previous generation 3M belts. This linen sanding belt delivers up to 86% faster cutting speed compared to ground ceramic competitors – for ultimate performance.

The 3M Cubitron 3 Linen Sanding Belt 1184F plays a vital role in creating a robust and versatile sanding solution to help you get the job done, whether in manual or automated processes. The performance benefits of the 3M Cubitron 3 Linen Abrasive Belt 1184F primarily include improving and optimizing automated grinding, including uptime, throughput, consistency and efficiency. These four key elements are critical in optimizing your automated sanding process, and with the 3M Cubitron 3 Sanding Belt 1184F you will experience extended product life and improved cutting speed and even wear.

3M Cubitron 3 sanding belt 1184F details

Weight of protective layer	Weight class YF
Grain	36+
Protective layer material	Polyester fabric
Product form	Belt
Abrasive material	Precision shaped ceramic
Total length varies	457 mm t/m 3500 mm
Total width varies	13 mm t/m 150 mm



4. 3M Cubitron 3 Sanding belts

Size chart

[illegible]



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Lascentrum has its own technical service with well-trained technicians for repairs, maintenance and inspections of all brands of welding machines. This can be done on location or in our own modern workshop. All machines in our rental park have been tested, inspected and calibrated in accordance with the applicable standards. In addition, we offer extensive service in drawing up and creating welding procedures, training and guidance in welding automation and mechanization.

CONTACT

Nieuwland Parc 1
2952 DA Alblasserdam,
The Netherlands

T: +31 (0)78 642 96 56
www.lascentrum.com
info@lascentrum.com

